

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 5: A61K 9/00, 47/48		A1	(11) International Publication Number: WO 94/20069 (43) International Publication Date: 15 September 1994 (15.09.94)
<p>(21) International Application Number: PCT/US94/01875</p> <p>(22) International Filing Date: 22 February 1994 (22.02.94)</p> <p>(30) Priority Data: 08/028,087 8 March 1993 (08.03.93) US</p> <p>(71) Applicant: AMGEN INC. [US/US]; Amgen Center, 1840 Dehavilland Drive, Thousand Oaks, CA 91320-1789 (US).</p> <p>(72) Inventors: NIVEN, Ralph; 853 Vista Arriago, Camarillo, CA 93010 (US). PITT, Colin, G.; 2379 Leeward Circle, Thousand Oaks, CA 91361 (US).</p> <p>(74) Agents: ODRE, Steven, M. et al.; Amgen Inc., Amgen Center, 1840 Dehavilland Drive, Thousand Oaks, CA 91320-1789 (US).</p>		<p>(81) Designated States: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, VN, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</p> <p>Published <i>With international search report.</i></p>	
<p>(54) Title: FULMONARY ADMINISTRATION OF GRANULOCYTE COLONY STIMULATING FACTOR</p> <p>(57) Abstract</p> <p>Methods and compositions for pulmonary delivery of chemically modified G-CSF, and pegylated proteins are disclosed.</p>			

BEST AVAILABLE COPY